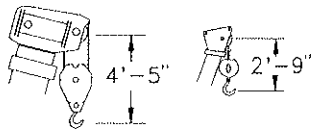


TEREX RT 230

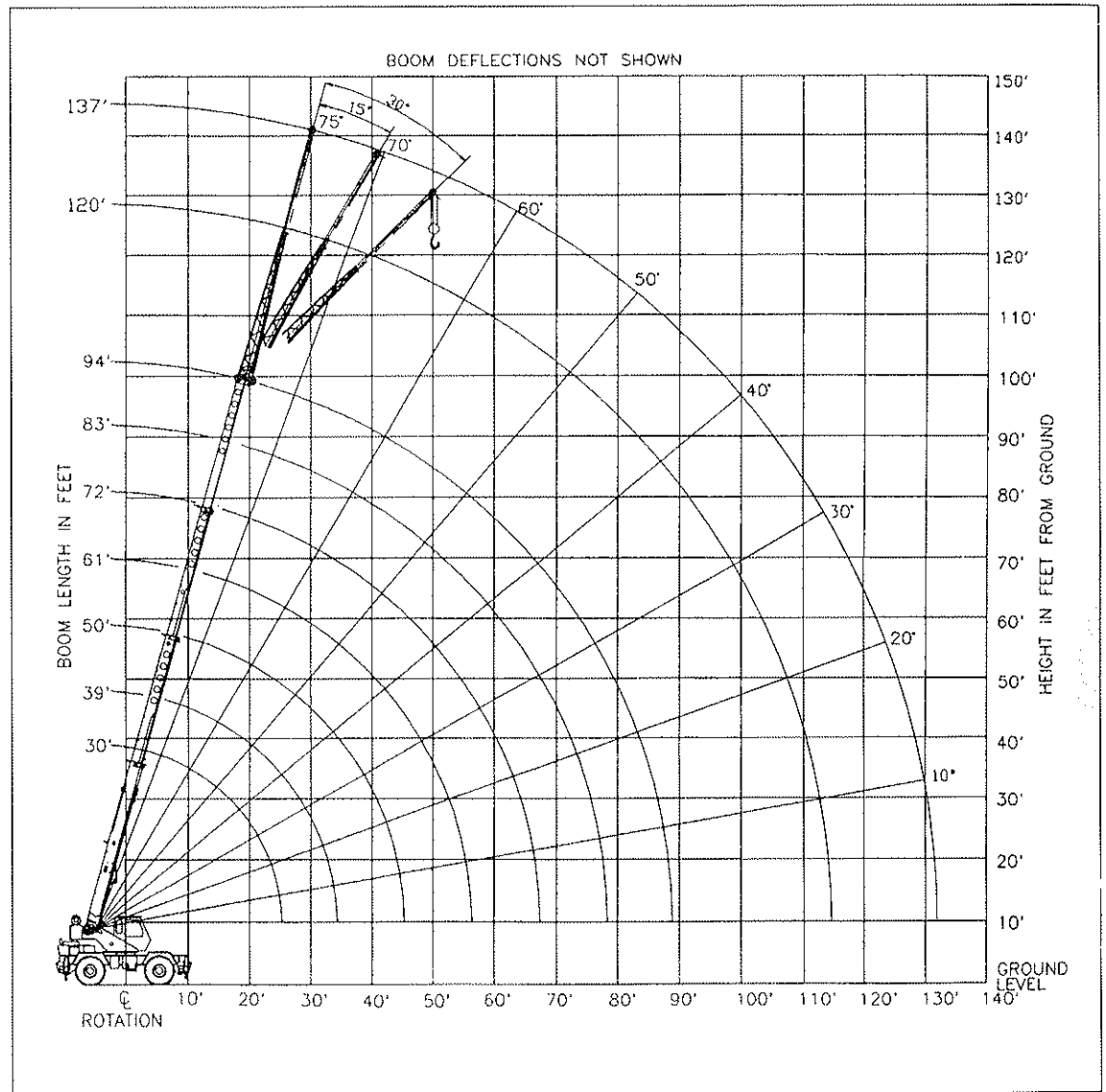
rough terrain crane
30 ton capacity

range diagram & lifting capacities

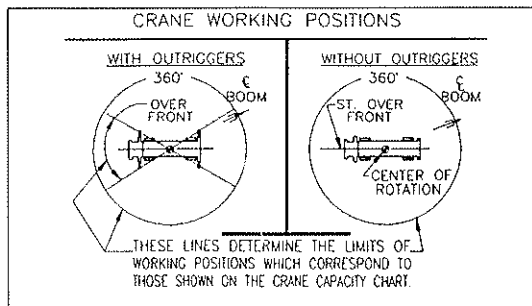


DIMENSIONS ARE FOR
LARGEST FACTORY
FURNISHED HOOK BLOCK
AND HOOK & BALL,
WITH ANTI-TWO BLOCK
ACTIVATED

Range
Diagram
(30' - 94' boom)



CRANE WORKING CONDITIONS



REDUCTION IN MAIN BOOM CAPACITY

All Jibs in Stowed Position	0 Lbs.
Aux. Boom in Head Sheave	100 Lbs.

HOOK BLOCK WEIGHTS

Hook & Ball	239 Lbs.
Hook Block (2 Sheave)	680 Lbs.
Hook Block (3 Sheave)	660 Lbs.
Hook Block (4 Sheave)	660 Lbs.

Lifting Capacities – Pounds (30' – 94' boom)

MODEL RT 230

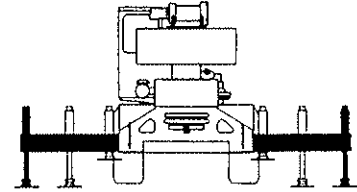
COUNTERWEIGHT:
W/AUX. WINCH 8900 LBS.
W/O AUX. WINCH 10,000 LBS.
BOOM LENGTH 30-94 FT.
OUTRIGGER SPREAD 19 FT.

STABILITY PERCENTAGE
ON OUTRIGGERS 85%
ON TIRES 75%
PCSA CLASS 10-118

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change.

ON OUTRIGGERS - FULLY EXTENDED

LOAD RADIUS (FT)	BOOM LENGTH 30 FT			BOOM LENGTH 39 FT			BOOM LENGTH 50 FT			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	OVER FRONT (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER FRONT (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER FRONT (LB)	360° (LB)	
10	63.0	60,000*	60,000*	69.4	46,600*	46,600*				10
12	58.5	50,100*	50,100*	66.2	46,600*	46,600*	71.7	44,500*	44,500*	12
15	51.4	40,100*	40,100*	61.2	40,000*	40,000*	68.0	38,500*	38,500*	15
20	37.4	30,100*	30,100*	52.3	30,000*	30,000*	61.6	30,000*	30,000*	20
25	13.7	22,800*	22,900*	42.0	23,600*	23,600*	54.8	24,000*	24,000*	25
30	**			28.8	18,600*	18,600*	47.3	19,100*	19,100*	30
35				**			38.7	15,500	15,100	35
40							27.9	12,100	11,800	40
45							7.9	9,600	9,300	45
50							**			50
55										55
60										60
65										65
70										70
75										75
80										80
85										85



**USE THESE CHARTS ONLY
WHEN ALL OUTRIGGERS
ARE FULLY EXTENDED**

ON OUTRIGGERS - FULLY EXTENDED

LOAD RADIUS (FT)	BOOM LENGTH 61 FT			BOOM LENGTH 72 FT			BOOM LENGTH 83 FT			BOOM LENGTH 94 FT			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	OVER FRONT (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER FRONT (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER FRONT (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER FRONT (LB)	360° (LB)	
10													10
12													12
15	72.1	36,000*	36,000*										15
20	67.1	29,500*	29,500*	70.8	27,400*	27,400*							20
25	61.9	24,000*	24,000*	66.5	23,100*	23,100*	69.8	19,000*	19,000*	72.2	15,300*	15,300*	25
30	56.3	19,400*	19,400*	62.0	19,600*	19,600*	66.0	15,900*	15,900*	69.0	13,100*	13,100*	30
35	50.4	15,700	15,400	57.4	15,900	15,500	62.2	13,800*	13,800*	65.7	11,400*	11,400*	35
40	43.9	12,400	12,100	52.5	12,600	12,300	58.1	12,000*	12,000*	62.2	10,000*	10,000*	40
45	36.5	10,000	9,800	47.2	10,200	9,900	53.9	10,300	10,000	58.7	8,800*	8,800*	45
50	27.3	8,200	7,900	41.4	8,400	8,100	49.5	8,500	8,300	55.1	7,900*	7,900*	50
55	13.0	6,700	6,500	34.8	7,000	6,800	44.7	7,100	6,900	51.2	7,100*	7,000	55
60	**			26.9	5,800	5,600	39.5	6,000	5,800	47.2	6,100	5,800	60
65				15.5	4,800	4,600	33.6	5,000	4,800	42.8	5,100	4,900	65
70				**			26.6	4,200	4,100	38.0	4,300	4,200	70
75							17.0	3,500	3,400	32.7	3,700	3,500	75
80							**			26.4	3,100	2,900	80
85										18.1	2,600	2,400	85

** MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

BOOM LENGTH 30 FT			BOOM LENGTH 39 FT			BOOM LENGTH 50 FT			BOOM LENGTH 61 FT			BOOM LENGTH 72 FT			BOOM LENGTH 83 FT			BOOM LENGTH 94 FT		
LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)
25.6	21,900*	21,900*	34.3	15,200*	14,900	45.3	9,400	9,100	56.3	6,300	6,100	67.3	4,400	4,200	78.3	3,100	2,900	89.3	2,100	2,000

Lifting Capacities – Pounds (30’ – 94’ boom)

MODEL RT 230

COUNTERWEIGHT: STABILITY PERCENTAGE
 W/AUX. WINCH 8900 LBS. ON OUTRIGGERS 85%
 W/O AUX. WINCH 10,000 LBS. ON TIRES 75%
 BOOM LENGTH 30-94 FT. PCSA CLASS 10-118
 OUTRIGGER SPREAD 19 FT.

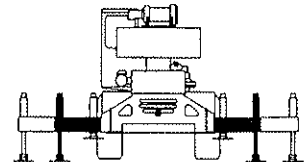
CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change.

ON OUTRIGGERS - MID POSITION

LOAD RADIUS (FT)	BOOM LENGTH 30 FT		BOOM LENGTH 39 FT		BOOM LENGTH 50 FT		BOOM LENGTH 61 FT		BOOM LENGTH 72 FT		BOOM LENGTH 83 FT		BOOM LENGTH 94 FT		LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	
10	63.0	60,000*	69.4	46,600*											10
12	58.5	50,100*	66.2	46,600*	71.7	44,500*									12
15	51.4	38,000	61.2	38,700	68.0	38,500*	72.1	36,000*							15
20	37.4	21,500	52.3	22,300	61.6	22,700	67.1	23,000	70.8	23,100					20
25	13.7	13,800	42.0	14,700	54.8	15,200	61.9	15,400	66.5	15,600	69.8	15,700	72.2	15,300*	25
30	**		28.8	10,300	47.3	10,900	56.3	11,100	62.0	11,200	66.0	11,400	69.0	11,400	30
35			**		38.7	8,000	50.4	8,300	57.4	8,400	62.2	8,500	65.7	8,600	35
40					27.9	5,900	43.9	6,300	52.5	6,500	58.1	6,800	62.2	6,600	40
45					7.9	4,400	36.5	4,800	47.2	5,000	53.9	5,100	58.7	5,200	45
50					**		27.3	3,600	41.4	3,800	49.5	4,000	55.1	4,100	50
55							13.0	2,600	34.8	2,900	44.7	3,100	51.2	3,200	55
60							**		26.9	2,100	39.5	2,300	47.2	2,400	60
65									15.5	1,500	33.6	1,700	42.8	1,800	65
70											26.6	1,100	38.0	1,300	70

** MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

LOAD RADIUS (FT)	BOOM LENGTH 30 FT		BOOM LENGTH 39 FT		BOOM LENGTH 50 FT		BOOM LENGTH 61 FT		BOOM LENGTH 72 FT		BOOM LENGTH 83 FT		BOOM LENGTH 94 FT	
	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)
25.6	12,900	34.3	7,600	45.3	4,200	56.3	2,400	67.3	1,200					



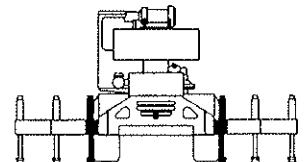
USE THESE CHARTS ONLY WHEN ALL OUTRIGGERS ARE PINNED IN MID POSITION

ON OUTRIGGERS - RETRACTED

LOAD RADIUS (FT)	BOOM LENGTH 30 FT		BOOM LENGTH 39 FT		BOOM LENGTH 50 FT		BOOM LENGTH 61 FT		BOOM LENGTH 72 FT		BOOM LENGTH 83 FT		BOOM LENGTH 94 FT		LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOADED BOOM ANGLE (DEG)	360° (LB)	
10	63.0	32,800	69.4	33,400											10
12	58.5	23,600	66.2	24,200	71.7	24,600									12
15	51.4	15,800	61.2	16,500	68.0	16,900	72.1	17,100							15
20	37.4	9,100	52.3	9,800	61.6	10,300	67.1	10,500	70.8	10,600					20
25	13.7	5,300	42.0	6,200	54.8	6,700	61.9	6,900	66.5	7,100	69.8	7,200	72.2	7,200	25
30	**		28.8	3,900	47.3	4,400	56.3	4,700	62.0	4,900	66.0	5,000	69.0	5,100	30
35			**		38.7	2,900	50.4	3,200	57.4	3,400	62.2	3,500	65.7	3,600	35
40					27.9	1,700	43.9	2,100	52.5	2,300	58.1	2,400	62.2	2,500	40
45							36.5	1,200	47.2	1,400	53.9	1,500	58.7	1,600	45
50											49.5	900	55.1	1,000	50

** MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

LOAD RADIUS (FT)	BOOM LENGTH 30 FT		BOOM LENGTH 39 FT		BOOM LENGTH 50 FT		BOOM LENGTH 61 FT		BOOM LENGTH 72 FT		BOOM LENGTH 83 FT		BOOM LENGTH 94 FT	
	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)	360° (LB)	LOAD RADIUS (FT)
25.6	4,900	34.3	2,400											



USE THESE CHARTS WHEN ALL OUTRIGGER BEAMS ARE NOT IN EITHER THE MID OR FULLY EXTENDED POSITION

Lifting Capacities – Pounds (30' – 94' boom)

MODEL RT 230

COUNTERWEIGHT: STABILITY PERCENTAGE
 W/AUX. WINCH 8900 LBS. ON OUTRIGGERS 85%
 W/O AUX. WINCH 10,000 LBS. ON TIRES 75%
 BOOM LENGTH 30-94 FT. PCSA CLASS 10-118
 OUTRIGGER SPREAD 19 FT.

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change.

SIDE STOW JIB ON FULLY EXTENDED OUTRIGGERS

LOADED BOOM ANGLE (DEG)	26 FT OFFSETTABLE JIB						43 FT OFFSETTABLE JIB						LOADED BOOM ANGLE (DEG)
	0° OFFSET		15° OFFSET		30° OFFSET		0° OFFSET		15° OFFSET		30° OFFSET		
	LOAD RADIUS (REF) (FT)	360° (LB)	LOAD RADIUS (REF) (FT)	360° (LB)	LOAD RADIUS (REF) (FT)	360° (LB)	LOAD RADIUS (REF) (FT)	360° (LB)	LOAD RADIUS (REF) (FT)	360° (LB)	LOAD RADIUS (REF) (FT)	360° (LB)	
75	35	9,100*	40	7,400*	45	5,600*	41	5,100*	50	3,400*	62	2,700*	75
73	39	8,600*	43	6,800*	49	5,300*	45	4,800*	54	3,300*	65	2,700*	73
71	43	8,100*	47	6,300*	52	5,000*	49	4,500*	58	3,200*	68	2,600*	71
68	49	7,300*	52	5,600*	56	4,500*	54	4,100*	64	3,000*	72	2,500*	68
65	54	6,300*	57	5,100*	61	4,100*	60	3,800*	70	2,900*	77	2,500*	65
62	60	5,500*	62	4,500*	66	3,700*	67	3,600*	74	2,800*	82	2,400*	62
59	64	4,800*	67	4,100*	71	3,400*	75	3,400*	81	2,700*	88	2,400*	59
55	70	4,100*	73	3,600*	78	3,000*	82	3,100*	89	2,600*	95	2,300*	55
51	76	3,500*	79	3,200*	84	2,800*	88	2,900*	96	2,500*	100	2,300*	51
47	82	2,800*	86	2,600*	89	2,500*	95	2,500*	101	2,100*	105	2,000*	47
43	87	2,300*	91	2,200*	93	2,300*	101	2,100*	107	1,700*	110	1,600*	43
38	93	1,800*	97	1,800*	98	1,800*	108	1,700*	113	1,300*	115	1,300*	38
32	100	1,400*	102	1,400*	104	1,400*	116	1,200*	119	1,000*	121	1,000*	32
25	106	1,000*	108	1,000*									25

NOTES FOR JIB CAPACITIES

- A. For all boom lengths less than the maximum with a jib erected, the rated loads are determined by boom angle only in the appropriate column.
- B. For boom angle not shown, use the capacity of the next lower boom angle.
- C. Listed radii are for extended main boom only.

ON TIRES

RADIUS (FT)	MAX BOOM LENGTH (FT)	16:00 X 25-28PR				20:50 X 25-24PR				RADIUS (FT)
		STATIONARY		PICK & CARRY		STATIONARY		PICK & CARRY		
		360°	STRAIGHT OVER FRONT	360°	STRAIGHT OVER FRONT	360°	STRAIGHT OVER FRONT	360°	STRAIGHT OVER FRONT	
10	30	23,600	45,900*	36,100*	26,500*	24,000	44,200*	34,700*	23,700*	10
12	30	17,300	39,700*	31,100*	22,600*	19,000	35,300*	29,900*	20,200*	12
15	39	13,000	27,400	25,400*	18,200*	14,100	27,400	24,400*	16,100*	15
20	39	8,000	16,200	16,200	13,200*	8,400	16,600	16,600	11,500*	20
25	50	5,200	11,000	11,000	9,700*	5,400	11,200	11,200	8,300*	25
30	50	3,200	7,900	7,900	7,500*	3,400	8,100	8,100	6,300*	30
35	50	1,900	6,100	6,100	6,000*	2,000	6,100	6,100	5,000*	35
40	61	1,200	4,900	4,900	4,800*	1,300	4,900	4,900	3,900*	40
45	61		3,800	3,800	3,800*		3,900	3,900	3,100*	45
50	61		2,700	2,700	2,700*		2,800	2,800	2,400*	50
55	61		2,000	2,000	2,000*		2,100	2,100	1,800*	55
60	72		1,500	1,500	1,500*		1,500	1,500	1,300*	60
65	72		1,100	1,100	1,100*		1,200	1,200	900*	65

NOTES FOR ON TIRE CAPACITIES

- A. For Pick and Carry operations, boom must be centered over the front of the crane with swing brake and lock engaged. Use minimum boom point height and keep load close to ground surface.
- B. The load should be restrained from swinging. NO ON TIRE OPERATION WITH JIB ERRECTED.
- C. Without outriggers, never maneuver the boom beyond listed load radii for applicable tires to ensure stability.
- D. Creep speed is crane movement of less than 200 Ft. (61m) in a 30 minute period and not exceeding 1.0 mph (1.6 km/h).
- E. Refer to General Notes for additional information.

MAXIMUM PERMISSIBLE HOIST LINE LOAD

LINE PARTS	1	2	3	4	5	6	7
MAX. LOAD	9,080	18,160	27,240	36,320	45,400	54,480	63,560
BOOM HEAD	2	3-D	2-3	1-4-D	2-3-4	2-3-4-D	1-2-3-4
HOOK BLOCK	D	3	3-D	1-4	2-3-D	2-3-4	2-3-4-D
WIRE ROPE: 5/8" ROTATION RESISTANT COMPACTED STRAND, 18X19 OR 19X19 MINIMUM BREAKING STRENGTH - 22.7 TONS 5/8" 6X19 OR 6X37 IWRC IPS PREFORMED RIGHT REGULAR LAY MINIMUM BREAKING STRENGTH - 17.9 TONS							

RECOMMENDED TIRE PRESSURE

TIRE SIZE	STATIONARY	CREEP	2 1/2 MPH	TRAVEL
16:00 X 25-28PR	115 PSI	115 PSI	95 PSI	95 PSI
20:50 X 25-24PR	95 PSI	95 PSI	70 PSI	70 PSI